Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=12; day=4; hr=7; min=24; sec=12; ms=815;]

Validated By CRFValidator v 1.0.3

Application No:

09540245 Version No: **2.0**

Input Set:

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Started: 2008-12-02 10:18:59.302

Finished: 2008-12-02 10:19:02.950

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 648 ms

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     Brose, Katja
     Tessier-Lavigne, Marc
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tct Ser aaa Lys gcc Ala 385 aac Asn aag Lys cag Gln ctc Leu	Asn ctg Leu agt Ser 370 aac Asn ttg Gly aac Asn cat His 450	Gln aat Asn 355 tta Leu aag Lys aac Asn ccc Thr ccc Pro 435 acc Thr	Ile 340 tca Ser ttt Phe ata Ile ctt Leu ttt Phe 420 ttt Phe aac Asn	tct Ser ctt Leu gaa Glu aac Asn ctc Leu 405 tca Ser att Ile ccg Pro	Glu gtc Val gga Gly tgc Cys 390 tcc Ser cct Pro tgt Cys att	ctc Leu ctg Leu 375 ctt Leu cta Leu cta Leu gac Asp gag Glu 455	Ala tat Tyr 360 ttt Phe cgg Arg tat Tyr cgg Arg tgc Cys 440 acc Thr	Pro 345 gga Gly tcc Ser gta Val gac Asp gcc Ala 425 cat His agt Ser	gat Asp aat Asn tta Leu gat Asp aac Asn 410 att Ile ctc Leu ggt	Ala aaa Lys cag Gln get Ala 395 aag Lys caa Gln aag Lys gec Ala	Phe atc Ile ctc Leu 380 ttt Phe ctt Leu act Thr tgg Trp cgt Arg 460	aca Thr 365 cta Leu cag Gln cag Gln atg Met cta Leu 445 tgc Cys	Gly 350 gaa Glu tta Leu gat Asp acc Thr cat His 430 gcg Ala acc	cta Leu ctc Leu ctc Leu ctc Leu atc Ile 415 ttg Leu gat Asp	Arg  ccc Pro  aat Asn  cac His 400 gcc Ala  gcc Ala  tat Tyr  ccc Pro	1104 1152 1200 1248 1296 1344
tct Ser aaa Lys gcc Ala 385 aac Asn aag Lys cag Gln ctc Leu	Asn ctg Leu agt Ser 370 aac Asn ttg Gly aac Asn cat His 450 cgc	Gln aat Asn 355 tta Leu aag Lys aac Asn acc Thr ccc Pro 435 acc Thr	Ile 340 tca Ser ttt Phe ata Ile ctt Leu ttt Phe 420 ttt Phe aac Asn	tct Ser ctt Leu gaa Glu aac Asn ctc Leu 405 tca Ser att Ile ccg Pro	Glu gtc Val gga Gly tgc Cys 390 tcc Ser cct Pro tgt Cys att Ile	ctc Leu ctg Leu 375 ctt Leu cta Leu cta Asp gag Glu 455 aga	Ala tat Tyr 360 ttt Phe cgg Arg tat Tyr cgg Arg tyc Cys 440 acc Thr	Pro 345 gga Gly tcc Ser gta Val gac Asp Gcc Ala 425 cat His agt Ser	gat Asp aat Asn tta Leu gat Asp aac Asn 410 att Ile ctc Leu ggt Gly cag	Ala aaa Lys cag Gln get Ala 395 aag Lys caa Gln agg Lys daag Lys	Phe atc Ile ctc Leu 380 ttt Phe ctt Leu act Thr tgg Trp cgt Arg 460 aaa	aca Thr 365 cta Leu cag Gln cag Gln atg Met cta Leu 445 tgc Cys agc	Gly 350 gaa Glu tta Leu gat Asp acc Thr cat His 430 gcg Ala acc Thr	cta Leu ctc Leu ctc Leu ctc Leu atc Ile 415 ttg Leu gat Asp agc Ser	Arg  ccc Pro  aat Asn  cac His 400 gcc Ala  gcc Ala  tat Tyr  ccc Pro	1104 1152 1200 1248 1296
tct Ser aaa Lys gcc Ala 385 aac Asn aag Lys cag Gln ctc Leu	Asn ctg Leu agt Ser 370 aac Asn ttg Gly aac Asn cat His 450 cgc	Gln aat Asn 355 tta Leu aag Lys aac Asn acc Thr ccc Pro 435 acc Thr	Ile 340 tca Ser ttt Phe ata Ile ctt Leu ttt Phe 420 ttt Phe aac Asn	tct Ser ctt Leu gaa Glu aac Asn ctc Leu 405 tca Ser att Ile ccg Pro	Glu gtc Val gga Gly tgc Cys 390 tcc Ser cct Pro tgt Cys att	ctc Leu ctg Leu 375 ctt Leu cta Leu cta Asp gag Glu 455 aga	Ala tat Tyr 360 ttt Phe cgg Arg tat Tyr cgg Arg tyc Cys 440 acc Thr	Pro 345 gga Gly tcc Ser gta Val gac Asp Gcc Ala 425 cat His agt Ser	gat Asp aat Asn tta Leu gat Asp aac Asn 410 att Ile ctc Leu ggt Gly cag	Ala aaa Lys cag Gln get Ala 395 aag Lys caa Gln agg Lys daag Lys	Phe atc Ile ctc Leu 380 ttt Phe ctt Leu act Thr tgg Trp cgt Arg 460 aaa	aca Thr 365 cta Leu cag Gln cag Gln atg Met cta Leu 445 tgc Cys agc	Gly 350 gaa Glu tta Leu gat Asp acc Thr cat His 430 gcg Ala acc Thr	cta Leu ctc Leu ctc Leu ctc Leu atc Ile 415 ttg Leu gat Asp agc Ser	Arg  ccc Pro  aat Asn  cac His 400 gcc Ala  gcc Ala  tat Tyr  ccc Pro	1104 1152 1200 1248 1296 1344

					gaa Glu							-				1488
Phe	Ala	Asp	Leu 500	Ala	tgc Cys	Pro	Glu	Lys 505	Суз	Arg	Cys	Glu	Gly 510	Thr	Thr	1536
					caa Gln											1584
_					ttg Leu						•				-	1632
_	_				ttt Phe 550							_				1680
					atc Ile									_		1728
_			· .		gaa Glu				_	•			•	-		1776
_			-	_	ttc Phe	_		_							-	1824
					ata Ile											1872
	•			-	ttg Leu 630			_		•						1920
-	-			-	ttt Phe	_										1968
					ttt Phe		_		_		_	_		_		2016
		_	-	-	aag Lys	_		_	-				-	_		2064
				-	aaa Lys	-				•	-		-		-	2112
-			-	_	gac Asp 710			-	-		-	-				2160
	_				gaa Glu			_				-	-	_	-	2208
-					aag Lys								_	-	-	2256
					gat Asp									_	_	2304
					cat His					-		-			-	2352

				tct Ser					_		_		_			2400
				agt Ser 805			-	•	-	-				•		2448
	-			aag Lys			•								•	2496
				cct Pro						-			-			2544
		-		gga Gly	-					-	-	-		_	•	2592
			-	tgg Trp		-	_	-		_					-	2640
_	-	-		cct Pro 885		_	_	_	-							2688
				ttt Phe		_					-	-				2736
-		-		ccc Pro					_	_			-			2784
_		_	_	cca Pro	-	_			-	-		-				2832
	-		_	gac Asp	_		_				-	-		_		2880
	_			gga Gly 965			-			-	-		•	-	-	2928
			-	att Ile	-	-	-			-		-		_	-	2976
_		-		gat Asp		Glu	_				Glu					3024
Суз	-	-		att Ile	Asn				_	Leu	_					3072
	Gly		_	tgt Cys			_	_	Asp		_	-	_	Asp	_	3120
		-	Gln	cac His 1045	-		_	Суз					Lys			3168
	•	Asp	-	aca Thr			Tyr	_		_		Cys	-		-	3216
	Asp	-	-	caa Gln	-	Asn	_	_			Gly	-		_		3264

yat	gca	grg	aac	gge	LdL	acg	Lgc	ata	Lgc	ccc	gaa	ggt	Lac	agt	ggc	3312
Asp	Ala	Val	Asn	Gly	Tyr	Thr	Cys	Ile	Cys	Pro	Glu	Gly	Tyr	Ser	Gly	
3	1090				:	1095				;	1100					
ttg	ttc	tgt	gag	ttt	tct	cca	ccc	atg	gtc	ctc	cct	cgt	acc	agc	ccc	3360
						Pro										
1105		•			1110					1115		-			1120	
tgt	gat	aat	ttt	gat	tgt	cag	aat	gga	gct	cag	tgt	atc	gtc	aga	ata	3408
Cys	Asp	Asn	Phe	Asp	Cys	Gln	Asn	Gly	Ala	Gln	Cys	Ile	Val	Arg	Ile	
	-			1125	-			_	1130		-			1135		
aat	gag	cca	ata	tgt	cag	tgt	ttg	cct	ggc	taţ	cag	gga	gaa	aag	tgt	3456
Asn	Glu	Pro	Ile	Cys	Gln	Cys	Leu	Pro	Gly	Tyr	Gln	Gly	Glu	Lys	Cys	
		1	1140				1	1145	_	-			1150	-	-	
gaa	aaa	ttg	gtt	agt	gtg	aat	ttt	ata	aac	aaa	gag	tct	tat	ctt	cag	3504
Glu	Lys	Leu	Val	Ser	Val	Asn	Phe	Ile	Asn	Lys	Glu	Ser	Tyr	Leu	Gln	
	]	1155				:	1160					1165	-			
att	cct	tca	gcc	aag	gtt	cgg	cct	cag	acg	aac	ata	aca	ctt	cag	att	3552
Ile	Pro	Ser	Ala	Lys	Val	Arg	Pro	Gln	Thr	Asn	Ile	Thr	Leu	Gln	Ile	
	1170			-		1175					1180					
gcc	aca	gat	gaa	gac	agc	gga	atc	ctc	ctg	tat	aag	ggt	gac	aaa	gac	3600
						Gly			-		_		-		-	
1185	5			:	1190				3	1195		_			1200	
cat	atc	gcg	gta	gaa	ctc	tat	cgg	ggg	cgt	gtt	cgt	gcc	agc	tat	gac	3648
His	Ile	Ala	Val	Glu	Leu	Tyr	Arg	Gly	Arg	Val	Arg	Ala	Ser	Tyr	Asp	
			1	1205				1	1210				1	1215		
acc	ggc	tct	cat	cca	gct	tct	gcc	att	tac	agt	gtg	gag	aca	atc	aat	3696
Thr	Gly	Ser	His	Pro	Ala	Ser	Ala	Ile	Tyr	Ser	Val	Glu	Thr	Ile	Asn	
		1	1220				-	1225				1	1230			
gat	gga	aac	ttc	cac	att	gtg	gaa	cta	ctt	gcc	ttg	gat	cag	agt	ctc	3744
Asp	Gly	Asn	Phe	His	Ile	Val	Glu	Leu	Leu	Ala	Leu	Asp	Gln	Ser	Leu	
		1235					1240					1245				
tct	ttg	tcc	gtg	gat	ggt	ggg	aac	ccc	aaa	atc	atc	act	aac	ttg	tca	3792
Ser	Leu	Ser	Val	Asp	Gly	Gly	Asn	Pro	Lys	Ile	Ile	Thr	Asn	Leu	Ser	
:	1250				:	1255				:	1260					
aag	cag	tcc	act	ctg	aat	ttt	gac	tct	cca	ctc	tat	gta	gga	ggc	atg	3840
Lys	Gln	Ser	Thr	Leu	Asn	Phe	Asp	Ser	Pro	Leu	Tyr	Val	Gly	Gly	Met	
126	5			:	1270				:	1275				:	1280	
cca	ggg	aag	agt	aac	gtg	gca	tct	ctg	cgc	cag	gcc	cct	ggg	cag	aac	3888
Pro	Gly	Lys	Ser	Asn	Val	Ala	Ser	Leu	Arg	Gln	Ala	Pro	Gly	Gln	Asn	
			:	1285				:	1290	•			:	1295		
gga	acc	agc	ttc	cac	ggc	tgc	atc	cgg	aac	ctt	tac	atc	aac	agt	gag	3936
Gly	T															